

Factsheet

DEKADUR Plus modified PVC-U Liner components

Mission

“Providing a harmonized system of liner-components based on a modified PVC-U as an additional material option to ensure equal and utmost chemical resistance in demanding industrial applications / applications in the global Chlorine industry”

Added value

- Comprehensive liner pipe-program covering the practically relevant OD-range of 25 – 600 mm along with 4 and 6 mm sheets and welding rod (3 and 4 mm).
- Availability of off-standard-lengths and pipe-dimensions; customized (thicker-walled hollow-rods-available upon request); dito for thicker-walled sheets
- Ensuring similar chemical resistance of all components due to inhouse-compounding based on a well-defined formulation concept.
- Calcium/Magnesium-free formulation to exclude possible leach-out of IIA-elements into the brine
- Welding- and thermoforming-procedures complying with established PVC-U standards.
- Chemical resistance profile superior to PVC-U. Expanding the well-appreciated chemical-resistance profile of PVC-U to higher temperatures.

Selected technical features

- Service -temperatures range superior to standard PVC-U due to higher Vicat-softening-temperature and higher Chlorine-content. Pls. check with GF DEKA for individual consultation in advance
- Formulations fully comply with the latest REACH-requirements – esp. regarding the heat-stabilizers. Updated formulation now with improved stabilizer-performance.

Typical services

- Chlorine industry (e.g. Feed brine, wet Chlorine gas, Catholyte, Chlorine scrubbers, Bleach-management, Chlorine dryers)
- Mineral acid-conveyance (e.g. conc. HCl; conc. Nitric acid, conc. Sulphuric acid)
- Metal-refining, -plating and -pickling
- Please check with GF DEKA in advance regarding individual temperature- and concentration-limitations as well as possible other services.

Standards

- Compliance with DIN 8061/62 rgd. relevant properties; selected dimensions (OD $\geq$ 315 mm) are only available as off-standard sizes. Pls. check with GF DEKA for details.
- Compliance with Eurochlor-standards GEST 79/82 and 76/52 for PVC-U.

Mehr Informationen



Factsheet

**Disclaimer**

The information and recommended values contained in this brochure reflect the current state of our knowledge and were compiled with the help of all available documentation. They can therefore be regarded as incorporating a high degree of reliability in practice, although they are not necessarily binding for all applications.